

FIG. 1

13002212 • 120505

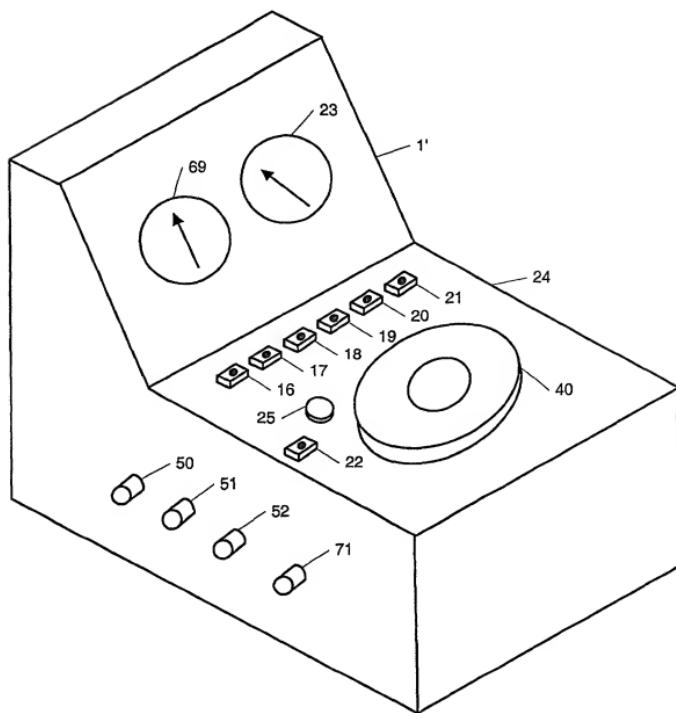


FIG. 2

400024-272200001

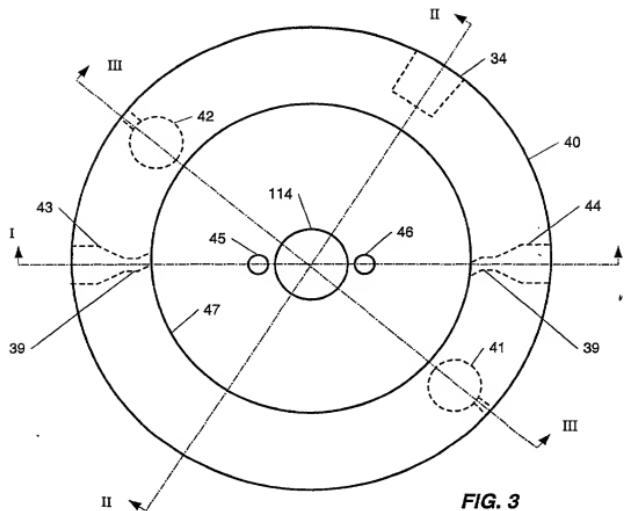


FIG. 3

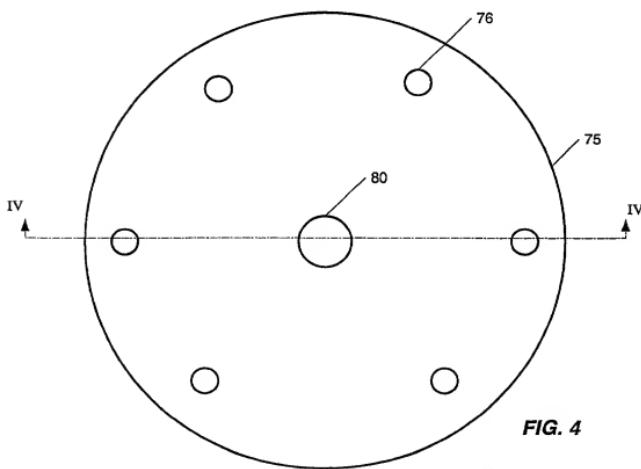


FIG. 4

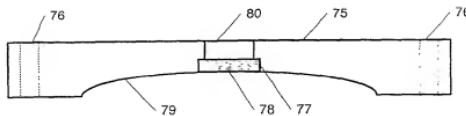


FIG. 5

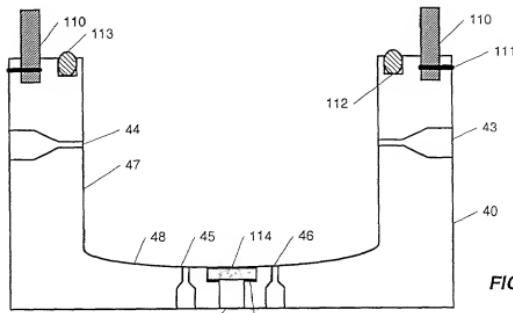


FIG. 6

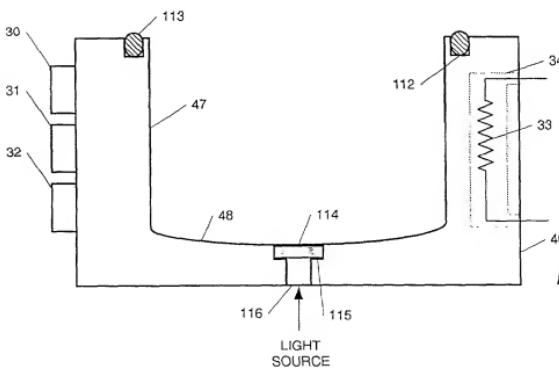


FIG. 7

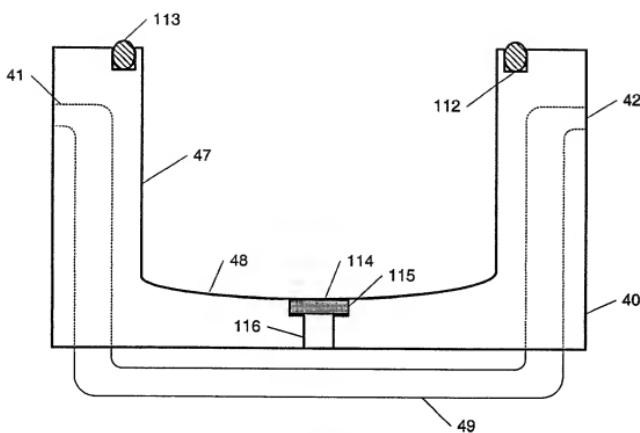
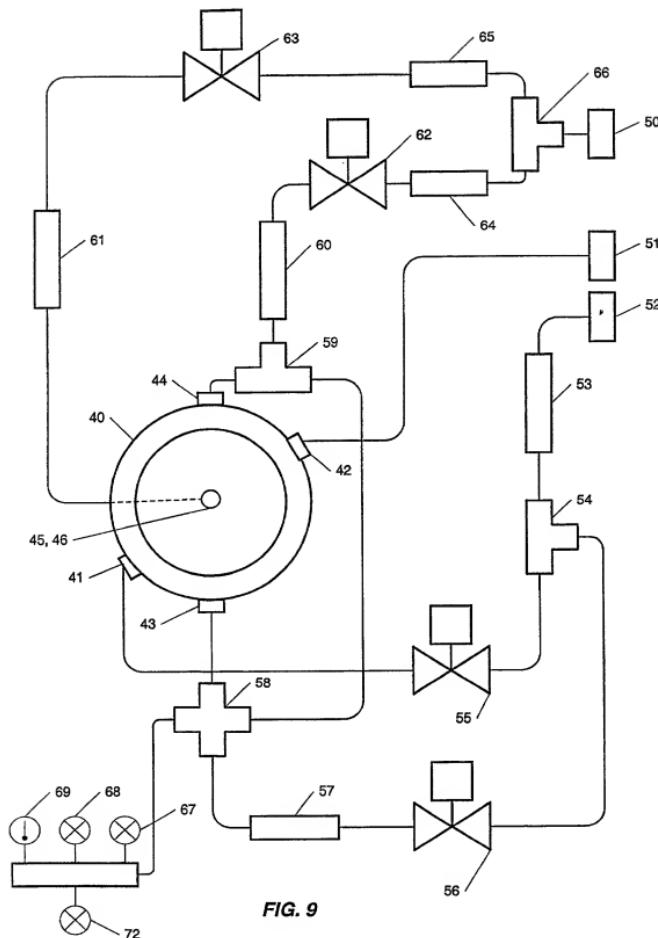


FIG. 8



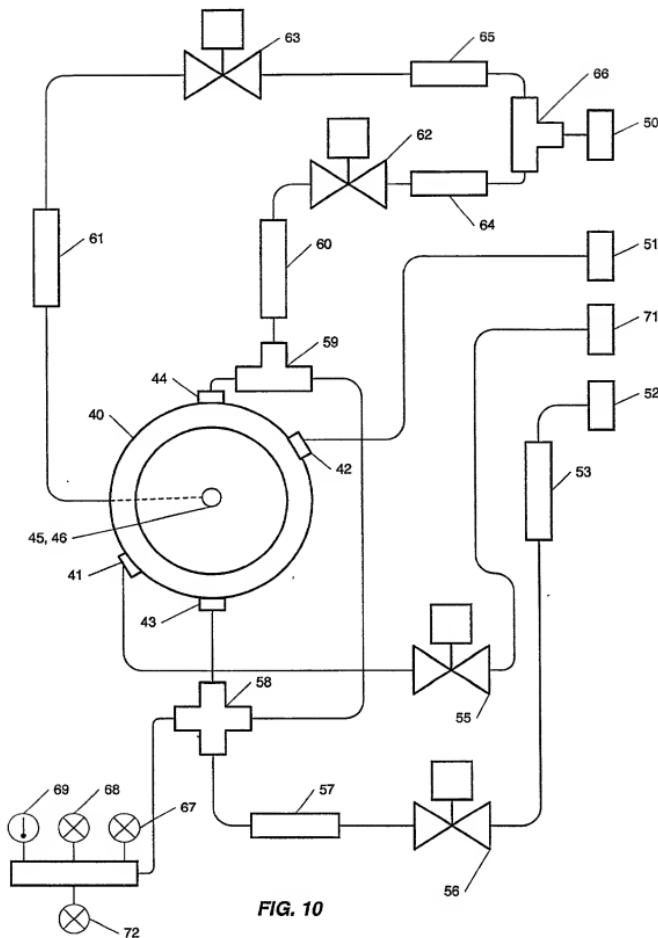


FIG. 10

100022342 1200504

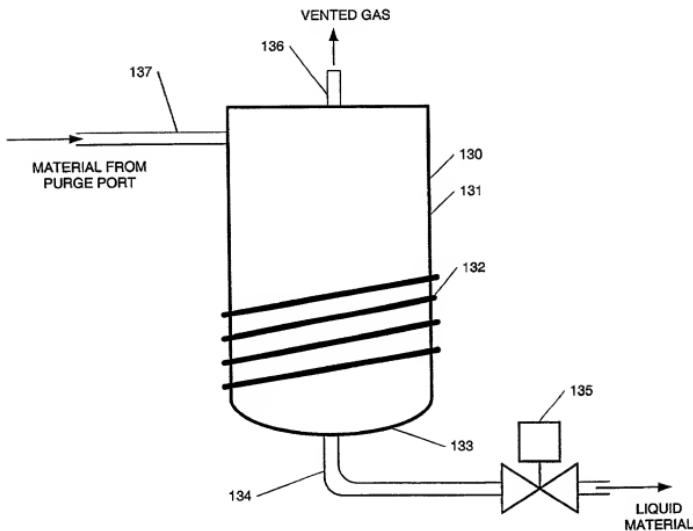


FIG. 11

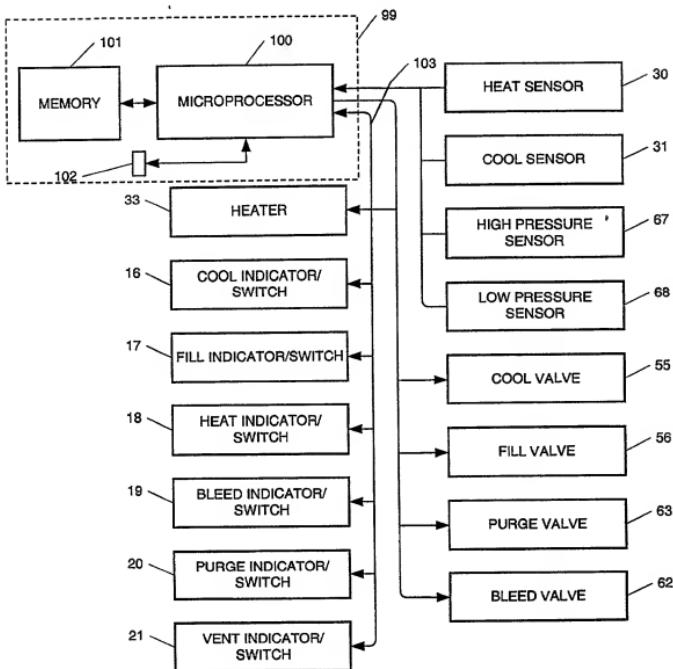


FIG. 12

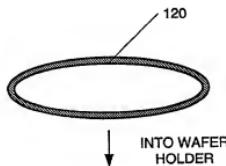


FIG. 13A

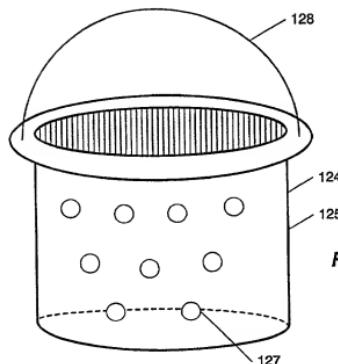


FIG. 13B

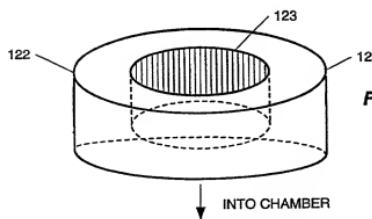


FIG. 13C

FIG. 13E

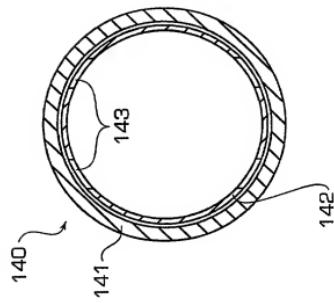


FIG. 13D

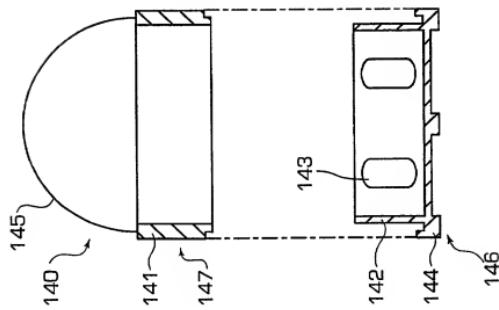


FIGURE 13E22001T

FIG. 13F
SEALED POSITION

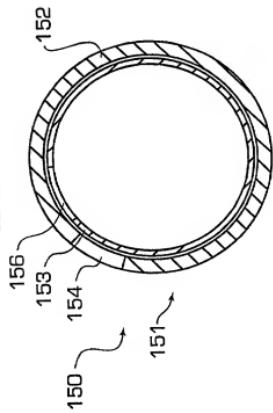


FIG. 13H
FLOW THROUGH POSITION

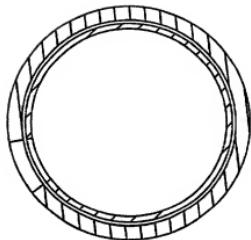


FIG. 13G

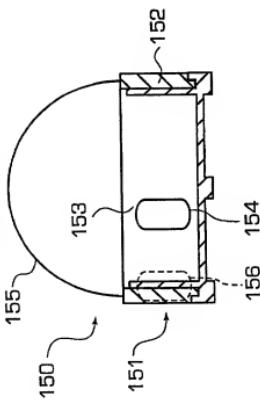


FIG. 13I

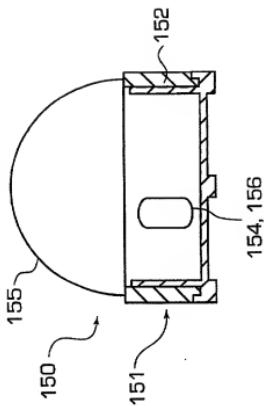


FIG. 13L
FLOW THROUGH

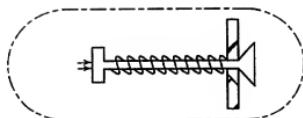


FIG. 13J

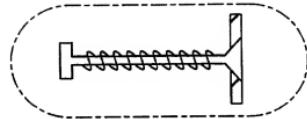
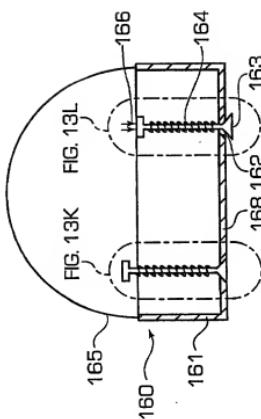


FIG. 13K
SEALED



450274 27220007

FIGURE 13N

FIG. 13N
SEALED



FIG. 13O
FLOW THROUGH



FIG. 13M

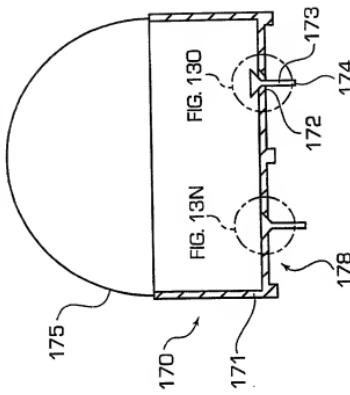


FIG. 13O

FIG. 13N

1000
1100
1200
1300
1400
1500
1600

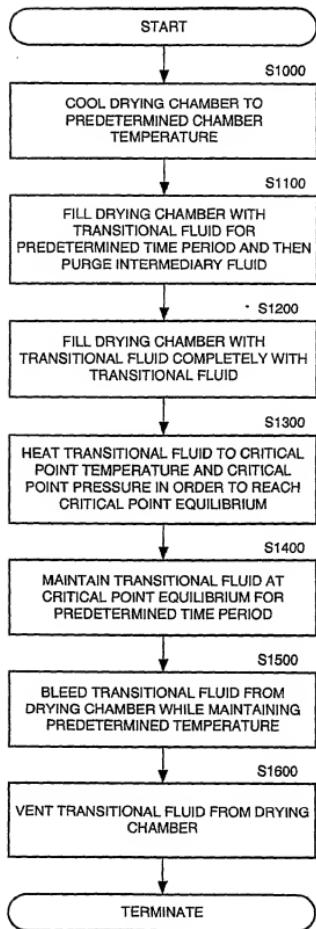


FIG. 14

74
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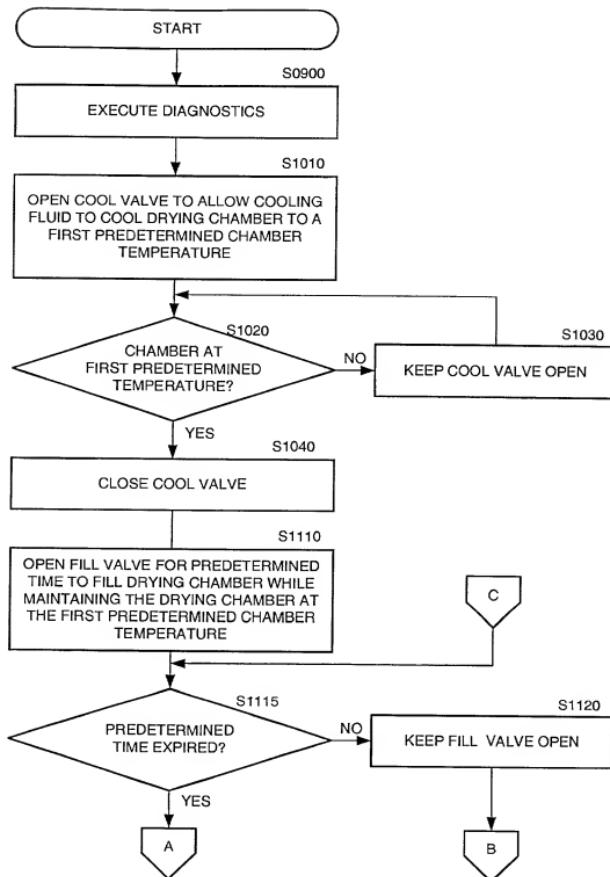


FIG. 15A

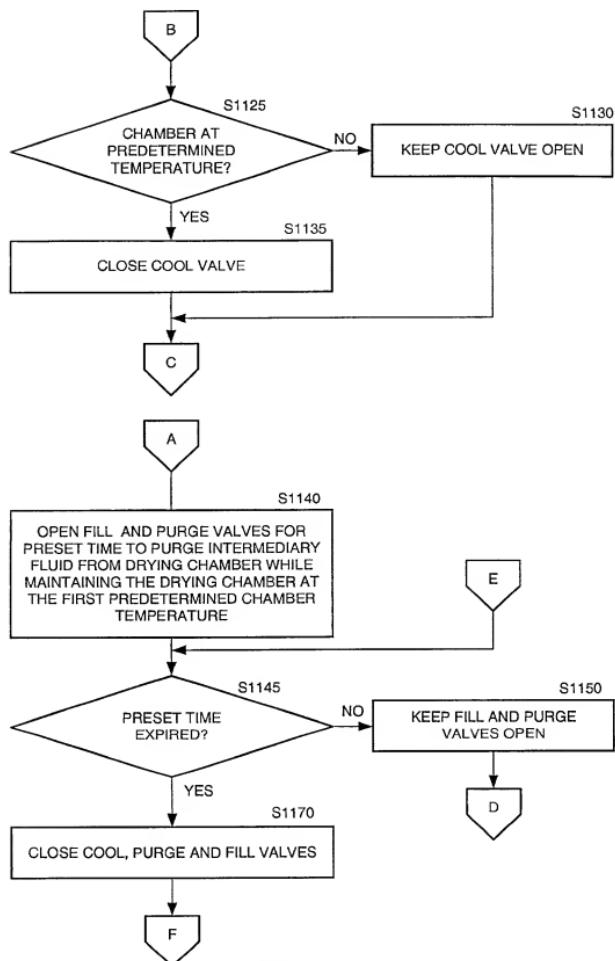


FIG. 15B

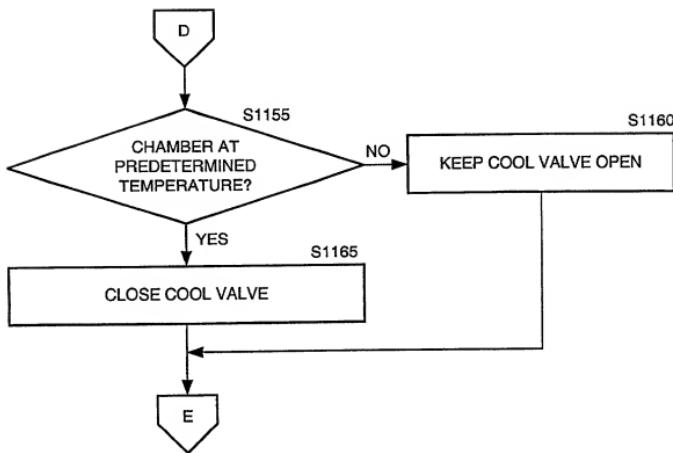


FIG. 15C

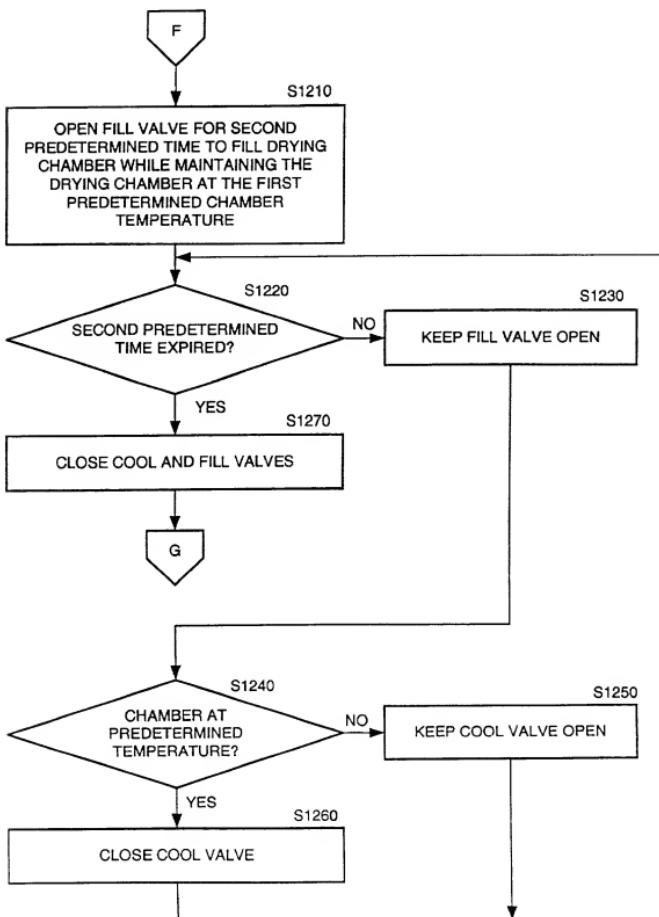


FIG. 15D

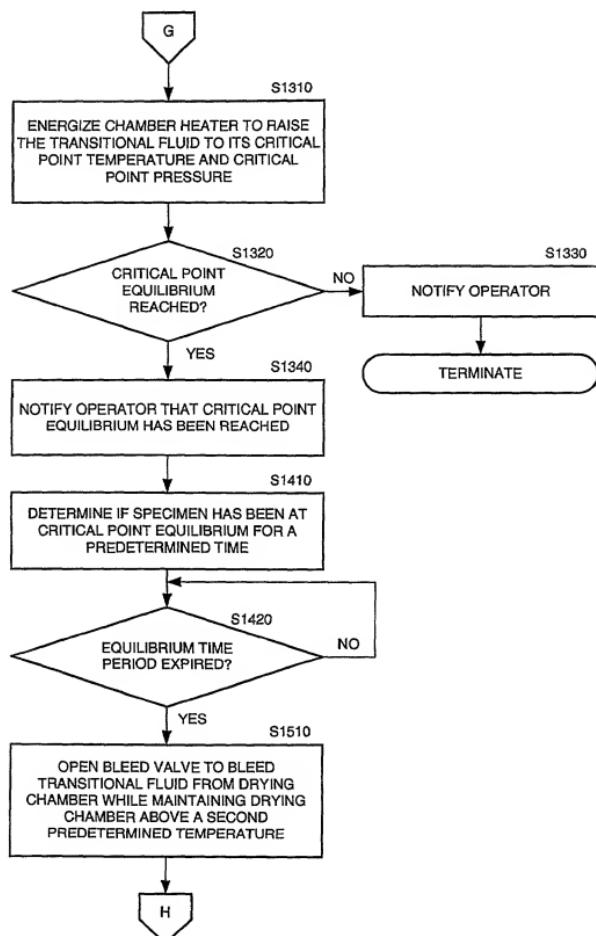


FIG. 15E

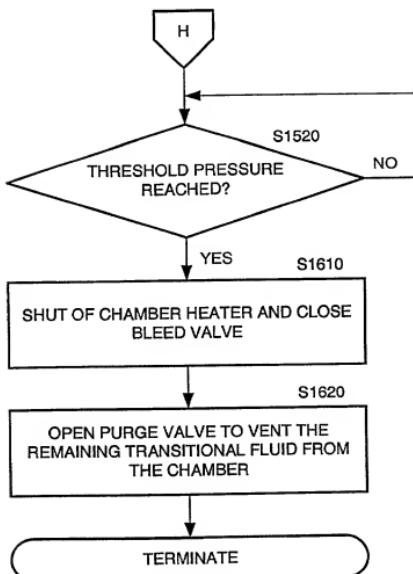


FIG. 15F

100022342, 420504

FIGURE 16

	COOL VALVE	FILL VALVE	PURGE VALVE	BLEED VALVE	VALVE OPERATIONS
COOL	OPEN	CLOSED	CLOSED	CLOSED	COOL VALVE STAYS OPEN UNTIL CHAMBER TEMPERATURE < 5°C
FILL (1)	AS NEEDED	OPEN	CLOSED	CLOSED	RESET BASED ON CHAMBER SIZE; COOL VALVE CYCLES TO KEEP CHAMBER TEMPERATURE < 5°C
PURGE	AS NEEDED	OPEN	OPEN	CLOSED	RESET BY OPERATOR; COOL VALVE CYCLES TO KEEP CHAMBER TEMPERATURE < 5°C
FILL (2)	AS NEEDED	OPEN	CLOSED	CLOSED	RESET BASED ON CHAMBER SIZE; COOL VALVE CYCLES TO KEEP CHAMBER TEMPERATURE < 5°C
HEAT	CLOSED	CLOSED	CLOSED	CLOSED	
BLEED	CLOSED	CLOSED	CLOSED	OPEN	BLEED VALVE CLOSES WHEN PRESSURE < 400 PSI
VENT	CLOSED	CLOSED	OPEN	CLOSED	PURGE VALVE STAYS OPEN UNTIL POWER IS TURNED OFF

FIG. 16